

3.2.5 Recovery

3.2.5.1 Recovery in mobile phase

CV% of AUC mean of PRN was 1.02%, 9.49% and 10.12% for QC mid, QC high and QC low respectively while it was 1.19%, 5.76% and 8.43% for QC mid, QC low, and QC high respectively for AUC mean of sildenafil as shown in **table 3.44**.

Table 3.44 CV% values of AUC mean of propranolol and sildenafil (internal standard) in mobile phase.

Concentration	Propranolol Area	Sildenafil Area	Mean (Propranolol)	C.V % (Propranolol)	Mean (Sildenafil)	C.V % (Sildenafil)
150 ng/ml QC Low	5025	120636	4617	10.12	114053	5.76
	4107	107496				
	4718	114026				
1500 ng/ml QC Mid	62281	129680	61572	1.02	128046	1.19
	61349	127789				
	61087	126668				
2500 ng/ml QC High	89158	110825	100128	9.49	122717	8.43
	105514	127644				
	105713	129682				

3.2.5.2 Recovery in the serum

CV% of AUC mean of PRN was 2.25%, 2.49% and 2.88% for, QC high, QC mid and QC low respectively while it was 1.88%, 4.12% and 4.38% for QC high, QC low and QC mid respectively for AUC mean of sildenafil as shown in **table 3.45**.